MULTIMEDIA ▊ UNIVERSITY

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2016/2017

PCG0013 – COMPUTER GRAPHICS 1
(All Sections / Groups)
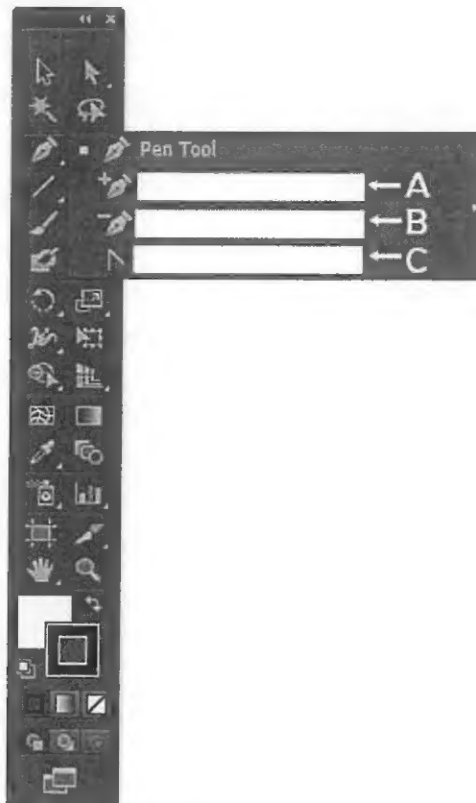
26 MAY 2017
9.00 AM – 11.00 AM
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This Question paper consists of **9** pages including cover page with **25** Questions only. **(Total Marks : 40)**

2. **Answer ALL questions from Section A and Section B, answer 2 out of 5 in Section C.** All questions carry marks and the distribution of the marks for each question is shown in bracket.

3. Please print all your answers in the **Answer Booklet** provided ONLY

SECTION A : Fill in the Blank (1 mark each)   **(Total : 10 Marks)**

Answer All Questions 1 to 10.

1. *Name the tools that are displayed below.*
2. *Fill in the blank with correct answer*

Figure 1

1. A..

2. B..

3. C..

Continued...

Figure 2

4. A...

5. B...

6. C...

Continued...

Figure 3

7. A...

8. B...

9. C...

10. D...
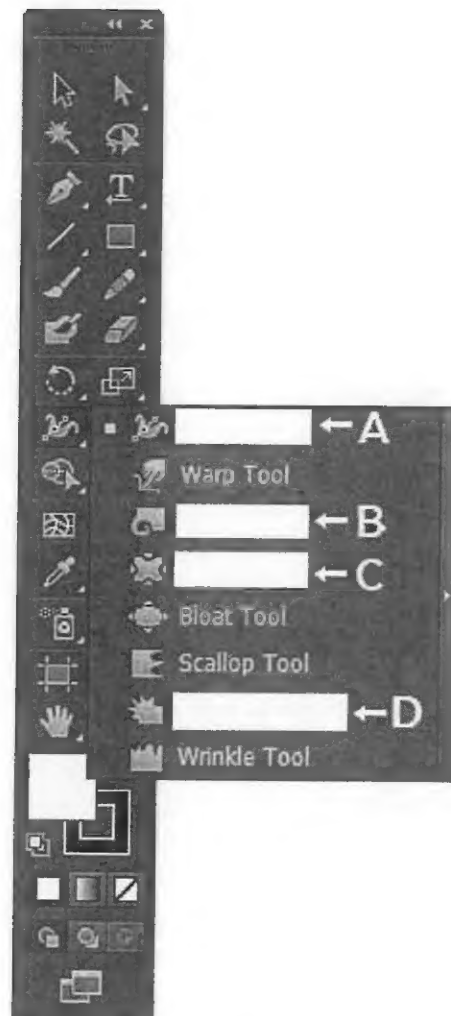
Continued...

SECTION B : Choose The Best Answer (2 marks each / Total 20 marks)

1. Which of these is possible?

    A. Using Photoshop to convert raster images to vector images
    B. Using Illustrator to convert bitmap images to vector images
    C. Using Bridge to convert grayscale images to vector images
    D. Using Dreamweaver to convert gifs into vector images

2. Resolution is the term used to describe the number of _____, used to display an image.

    A. lines or pixels
    B. dots or pixels
    C. lines and dots
    D. pixels and dotted lines

3. Adobe Illustrator made up of (i) and (ii) defined by mathematical objects called (iii)

    A. lines,shapes,rasters
    B. lines,shapes,vectors
    C. lines,curves,vectors
    D. lines,paths,vectors

4. You select a graphic on your page and choose Object > Arrange > Send to Back. However, it still appears on top of another object. What is likely the problem?

    A. The object in the background is on a different layer.
    B. The graphic is locked.
    C. You need to select the image inside the frame, not the frame.
    D. You should use Object > Arrange > Send Backward.

5. The **file size** of an image is the digital size of the image file, measured in_____.

    A. Kilobytes (Kb), Megabytes (Mb), or gigabytes (Gb).
    B. Kilobits (kpbs), Megabits (mbps) or terabits (tbps)
    C. Kilopixel (kp), Megapixel (Mp), or terrapixel (tp)
    D. Pixelbytes (Pb), Megapixelbytes (Mpb), or GigaPixelbytes (Gpb)

Continued...

6. This command makes your color smooth and blend one color with another in an object. Name this command?

    A. Envelope   C. Gradient
    B. Swatches   D. Warp

7. The Panel with all Color properties, stroke properties, opacity is ....

    A. Tool Panel
    B. Document Panel
    C. Control Panel
    D. Status Panel

8. You draw a shape and notice it is created under another shape on your artboard. What is the reason for this?

    A. You are drawing with a compound path selected.
    B. The drawing mode is set to Inside.
    C. You are drawing with a clipping mask selected.
    D. The drawing mode is set to Behind.

9. You have several shapes filled with various shades of black. You want to convert these filled shapes to RGB colors so you can adjust them as needed. When you select the shapes, and choose Edit > Edit Colors, you notice that the Convert to RGB option is not available. What solution would you suggest to make the Convert to RGB option available?

    A. Specify an appropriate working RGB color space.
    B. Change the Document Color Mode to RGB Color.
    C. Specify an appropriate working CMYK color space.
    D. Change the Document Color Mode to CMYK Color.

10. You've applied Image Trace to an image in Adobe Illustrator. You would like to see what the original image look like so that you can evaluate the quality of the tracing. How can you easily compare the current view with the original image?

    A. Toggle the View > Outline command.
    B. Switch between Tracing Result and Source Image in the View drop-down menu in the Image Trace panel.
    C. Choose Edit > Undo and Edit > Redo.
    D. Hold and release the eye icon to the right of the View drop-down menu in the Image Trace panel

Continued...

SECTION C : Answer 2 out of 5 questions (Total 10 marks)

Question 1 (5 marks)

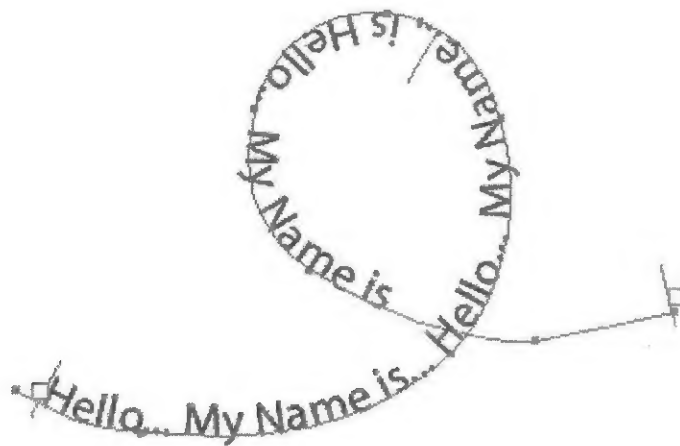Referring to the Figure 4 below, Explain how to create this typography and what type of tool to be use.

Figure 4

Question 2 (5 marks)

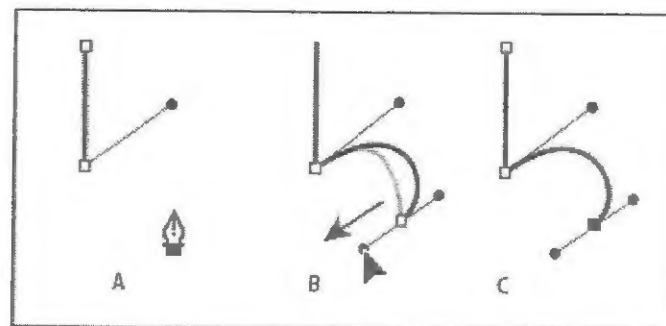Referring to the Figure 5 below, explain about this 3 process by using Pen Tool.

Figure 5

Continued...

Question 3 (5 marks)

Referring to the Figure 6 below, what is the function of ' **Create Outlines'** in Adobe Illustration?
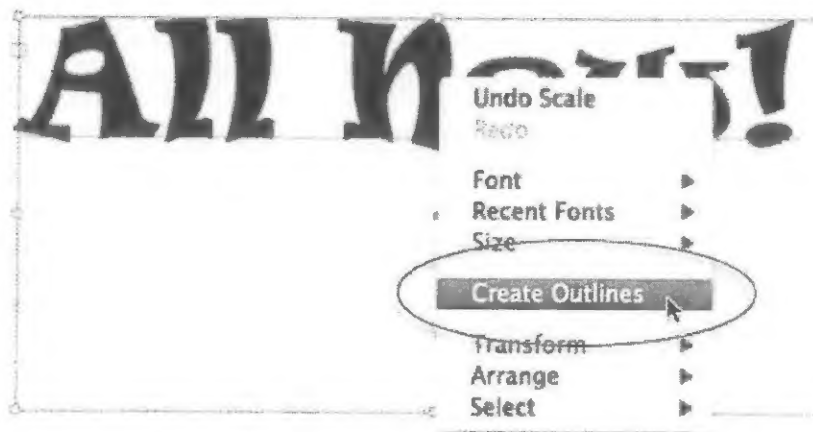

Figure 6

Question 4 (5 marks)

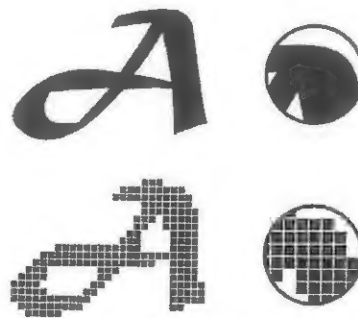Referring to the Figure 7 below, Explain the differences between BITMAP and VECTOR image.

Figure 7

Continued...

Question 5 (5 marks)

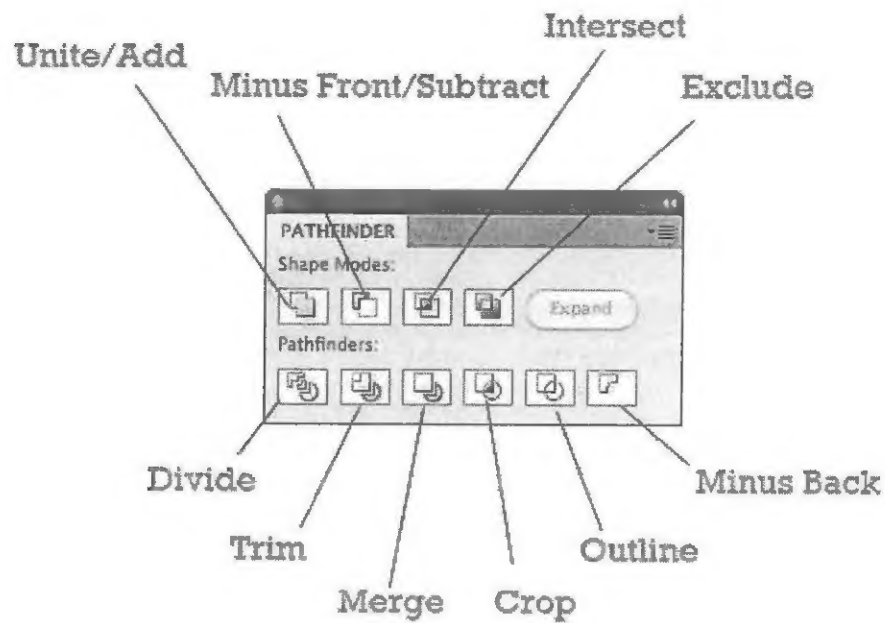Referring to the Figure 8 below, elaborate the function of **Unite/Add** in Pathfinder Tool.

Figure 8

End of Paper.